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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/663,500	09/17/2003	Mina Hwang	P-0064US	2442

7590 03/21/2005

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EXAMINER	
THOMAS, ALEXANDER S	
ART UNIT	PAPER NUMBER
1772	

DATE MAILED: 03/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/663,500

Applicant(s)

HWANG ET AL.

Examiner

Alexander Thomas

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-50 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-50 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>10/16/03</u> . | 6) <input type="checkbox"/> Other: ____ |

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DETAILED ACTION

Claim Objections

1. Claims 35, 36, 37, 40, 41 and 42 are objected to because of the following informalities: it appears that the dependency of these claims should be upon claim 34 since there is no antecedent basis for the term "stiff portion" in claim 33. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 3-11, 15-17, 22-24, 28-30, 33-39, 43, 47 and 50 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by McDonald ('114). See Figure 11, column 3, lines 41-48 and column 5, lines 43-62.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 12, 13, 25, 31, 40 and 41 are rejected under 35 U.S.C. 103(a) as being unpatentable over McDonald ('114) in view of Nickerson ('553). The primary reference

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discloses the invention substantially as claimed, namely a sheet having accordion folds and other folds transverse to the accordion folds; see Figure 11, column 3, lines 41-48 and column 5, lines 43-62. However, the reference does not disclose the use of a closure means on the stiff portions which cover the folded sheet. The secondary reference discloses the use of closure means, such as a flap, in folded maps; see Figures 1-5. It would have been obvious to one of ordinary skill in the art to use a flap closure means on the map of the primary reference in view of the teachings in the secondary reference in order to protect and securely close the map.

6. Claims 14, 26, 27, 32 and 42 are rejected under 35 U.S.C. 103(a) as being unpatentable over McDonald ('114) in view of McDonald ('655). The primary reference discloses the invention substantially as claimed, namely a sheet having accordion folds and other folds transverse to the accordion folds; see Figure 11, column 3, lines 41-48 and column 5, lines 43-62. However, the primary reference does not disclose a pocket on the folded map. The secondary reference discloses placement of a pocket on a folded map to provide a means of carrying other objects with the map; see column 1, lines 43-48 and Figure 7. It would have been obvious to one of ordinary skill in the art to secure a pocket to the folded map of the primary reference in view of the teachings of the secondary reference in order to provide a means of carrying other objects with the map.

7. Claims 18-20, 44-46, 48 and 49 are rejected under 35 U.S.C. 103(a) as being unpatentable over McDonald ('114) in view of Perttunen et al ('753). The primary reference discloses the invention substantially as claimed, namely a sheet having

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accordion folds and other folds transverse to the accordion folds; see Figure 11, column 3, lines 41-48 and column 5, lines 43-62. However, the primary reference does not disclose a stiff portion attached to a second corner opposite of the first corner segment. The secondary reference discloses such a stiff portion on an opposite corner; see Figure 11 and column 1, lines 30-31. It would have been obvious to one of ordinary skill in the art to apply a stiff portion to a corner segment opposite to the first corner segment in order to facilitate opening and handling of the map.

8. Claims 1-5, 7-35 and 37-50 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wilen 6,752,427. The reference discloses the invention substantially as claimed; see Figures 10,11, column 2, lines 56-61, column 3, lines 21-38 and column 5, lines 29-63. However it does not disclose the cover 10 as being stiff. It is well-known in the map art to provide stiff cover layers; see column 2, lines 14-24 of the reference. It would have been obvious to one of ordinary skill in the art to provide stiff cover means as the cover means in the article of the reference in order to facilitate opening of the map. It also would have been obvious to one of ordinary skill in the art to attach the booklet pages to both panels of the booklet cover in view of the suggestion at column 2, lines 56-62 of the reference.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander Thomas whose telephone number is 571-272-1502. The examiner can normally be reached on 6:30-4:00 M-THUR.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harold Pyon can be reached on 571-272-1498. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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A handwritten signature in black ink, appearing to read "Alexander S. Thomas".

ALEXANDER S. THOMAS
PRIMARY EXAMINER